

MEMORANDUM.

UTAH DEPARTMENT OF TRANSPORTATION

DATE: February 6, 2003

TO : Those on the attached list

FROM : Howard Anderson, P.E.
Engineer For Pavements

SUBJECT: Utah Pavement Council

Date: February 19, 2003
Location: UDOT Complex, Large Conference Room, First Floor
Address: 4501 South 2700 West
Salt Lake City, UT 84119
Time: 1:00 PM to 4:00 PM

The next Utah Pavement Council meeting is scheduled as shown above.

Attendance January 15th Meeting:

Joe Johnson, Mohammad Rahman, Mike Worischeck, Cameron Petersen, Craig Haskell, Murari Pradhan, Tim Biel, Scott Andrus, Tim Rose, Rodney Terry, Frank Mayfield, Troy Peterson, Larry Larson, Doug Watson, Wade Betenson, Larry Buss, Charles Luedders, Greg Punske, Rob Duncan, Mitzi McIntyre, Jerry Hall, Alan Ellis, James Hulse, Todd Laker, and Howard Anderson.

The following ground rules are recommended for our group: 1. Participate by providing your agenda items and reviewing the specifications or procedures and making comments. 2. Bring your reviewed copy of the draft. 3. Come on time and stay and participate as best you can. 4. Stay on task during discussions. 5. Keep personal gripes to a minimum. 6. Keep side conversations during breaks only.

Notes from January 15, 2002 Meeting:

1. **Welcome-** Howard Anderson - Not much new to report here.
2. **Up date on task force for 02969 - Optional Use of Reclaimed Asphalt Pavement (PG Grade Projects Only) -** Murari Pradhan and Cameron. Howard reviewed the changes to the group. It was mailed out to the group for comments. The Table was modified to make it more clear. The specification does not specify how many piles to separate the

RAP into for the Contractor's Quality Control. The standard virgin aggregate acceptance tests are required only for the virgin portion of the aggregate and not for the RAP materials. The contractors testing labs are not required to be independent, just AMRL accredited. No additional comments were brought by the group. This special provision will be placed on all new projects throughout UDOT. Later, it will go through the Standards Committee.

3. **Aggregate Specific Gravity SSD vs. Dry method** - Joe Johnson discussion from his training in Kentucky with the Asphalt Institute. Joe and Doug discussed the differences between aggregate bulk specific gravities particularly the SSD and the Effective gravities. It may make more sense to use the effective gravity for HMA mix design and control. The RME's will consider this in their next meeting. Joe, Doug, and Mohammad agreed to look at their past mix designs and see what differences they see if they use the effective bulk specific gravity in their calculations for VMA etc.

Tim also talked about the 02741 HMA Specification. At the next Standards Meeting in February, they will change the VMA specification to a target with plus and minus 1.25 percent based on the data Howard provided from the other states. The new dispute resolution section will also be added. Other changes to 02741 will come at a later revision time. We still have the goal not to have different versions of the specifications out and to keep order to the way we revise the standard specifications.

4. **California Profilograph Equipment Certification and Operator Certification** - Howard announced that we will be holding our profilograph certification at the complex March 25, 26 and 27th. We will run the equipment over our test track and compare them to the standard for certification like we did last year. This year the operator certification will be handled by Troy Peterson's people and come under the WAQTC program. The date for this training will be announced soon. Those that went through the operator certification last year will have their certificates extended for two more years. These new certificates will be mailed out next month.

Howard also mentioned that we will not have our annual binder supplier meeting this year. This meeting began because of the many changes involved with the implementation of Superpave and now that things have settled down we don't have a reason to continue the meeting. We will prepare a letter to go out to each supplier to provide the liquid asphalt quantities as summarized over the last few years.

5. **Untreated Base Course Specification** - Tim Biel - discussed the minor changes made to this specification. It was previously mailed out to the group for comments. No additional responses have been received from the group. The previous changes include: The target for the asphalt content has been added to Table 1. The RAP should also be

heated at a low enough temperature to drive out the moisture but not melt down the asphalt before running the aggregate gradation. Tim will send this specification to Howard to be sent out to the Pavement Council for one last review before it is finalized.

6. **Zero Blanking Band In Our Smoothness Specifications** - Charles Luedders. Chuck traveled from Denver and the FHWA Western Resources Office to present his experience with the zero blanking band on the California Profilograph. His presentation was very informative and based on the number of questions that followed was important to the group. Greg has a copy of this presentation and will get a copy to Howard to be sent out to the Council.
7. Calendar Items: **28th Utah Asphalt Conference**, March 5th, at the Airport Hilton
 ACI Concrete Conference, March 7th, in Logan at USU.
6. Next meeting date. Wednesday, February 19, 2003.

TO :

Dario Alvarez	Pioneer Oil Co.
Scott Andrus	Region 3 Materials
Wade Betenson	Atser
Tim Biel	Materials Division
Tim Bochnowski	Holcim Cement Co.
Lawrence Buss	Construction Division
John Butterfield	Region 2 Materials
Tom Case	Granite Construction Co.
Stephane Charnot	Koch Asphalt Co.
Bob Crunk	Holcim Cement Co.
Rob Duncan	Ash Grove Cement Company
Troy Dunsmore	QC Testing
Mike Forrest	Staker/Parson Paving Co.
Ave Forseth	Pioneer Oil Co.
Larry Gay	Region 4 Materials
Darrell Giannonatti	Construction and Materials Divisions
Jim Golding	Geneva Rock Co.
Jerry Hall	Geneve Rock Co.
Craig Haskell	Region 3
Bruce Hutchinson	ICS
Joe Johnson	Geneva Rock Co.
Karen Kiggins	Heckett MultiServ
Hugh Kirkham	Construction Division
Todd Laker	Holcim Cement Co.
Richard Laubsch	FHWA
Bill Lawrence	Materials Division
Frank Mayfield	Staker/Parson Paving Co.
Fred McGregor	Granite Construction Co.
Mitzi McIntyre	ACPA
Lou Nicoletti	Alta View Concrete
Steven Park	Region 2 Materials
Cameron Petersen	Materials Division
Troy Peterson	Materials Division
Murari Pradhan	Materials Division
Greg Punske	FHWA
Mohammad Rahman	GARCO Testing
Tim Rose	Region 2 Construction
Rodney Terry	Region 1 Materials
Rich Thorn	Utah AGC
Bob Tromble	ISSA
Karl Verhaeren	Region 4 Construction
Glenn Waite	Tri-State Testing Lab
Douglas Watson	CMT
Chris Winkler	Trinidad Lake Asphalt
Grant Wiley	Region 3 Materials
Brooke Williams	Holcim Cement Co.
Mont Wilson	Granite Construction Co.
Mike Worischek	Consultant
Scott Yates	Pioneer Oil Co.

AGENDA
Utah Pavement Council
Wednesday, February 19, 2003

1:00 PM UDOT Complex
Large Conference Room, First Floor
4501 South 2700 West
Salt Lake City, UT 84101

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| 1:00 - 1:10 | 1. | Welcome - Howard Anderson
Summary: |
| 1:10 - 2:00 | 2. | Aggregate Specific Gravity SSD vs. Dry method - Joe Johnson
discussion from his training in Kentucky with the Asphalt Institute. Joe, Doug, and Mohammad agreed to look at their past mix designs and see what differences they see if they use the effective bulk specific gravity in their calculations for VMA etc.
Summary: |
| 2:00 - 3:30 | 3. | Untreated Base Course Specification - Tim Biel - Follow up from the last meeting.
Summary: |
| 3:30 - 3:45 | | BREAK |
| 3:45 - 4:15 | 4. | 02745 Asphalt Specification, Modified Chip Seal Emulsion, Table 2, 4 and 5. - Cameron Petersen.
Summary: |
| 4:15 - 4:29 | 5. | Other Items:
Summary: |
| 4:29 - 4:30 | 6. | Next meeting date. Wednesday, March 19, 2003. |